

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460



Office of Pesticide Programs

Antimicrobials Division (AD)

January 10, 2011

DP BARCODE: D382711

MRID :

SUBJECT: Antimicrobial Copper Alloys – Group I

REG. NO. OR FILE SYMBOL: 82012-1

DOCUMENT TYPE: Product Chemistry Review

Manufacturing-use ☐ OR End-use Product ☒

INGREDIENTS (PC Codes) Copper (022501)

CAS number: (7440-50-8)

TEST LAB:

SUBMITTER: Copper Development Association, Inc.

GUIDELINE: 830.1750

COMMODITIES: Formulation

REVIEWER: Juan F. Negrón

ORGANIZATION: AD

APPROVER: Karen P. Hicks

APPROVED DATE: 01/11/11

COMMENT:

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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United States
Environmental Protection
Agency


Office of Pesticide Programs

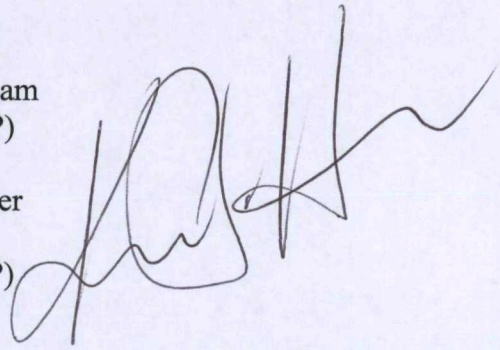
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MEMORANDUM

Subject: Product Chemistry Review for EPA Reg # 82012-1.
Product name: Antimicrobial Copper Alloys – Group I
DP# 382711

From: Juan F. Negrón, Chemist 
Product Science Branch, CT Team
Antimicrobials Division (7510P)

Thru: Karen P. Hicks, CT Team Leader
Product Science Branch
Antimicrobials Division (7510P) 

To: Marshall Swindell / Karen Leavy
PM Team 33

APPLICANT: Copper Development Association, Inc.
Action code: A570
Due date: 02/13/11

Product Formulation from label
Active Ingredient

	% by wt.
Copper	96.2

BACKGROUND:

On behalf of the registrant, Copper Development Association, Inc., the consultant, Technology Sciences Group, Inc., has submitted an amendment to add additional alloys. The product, "Antimicrobial Copper Alloys – Group I" is an integrated end-use product. The Product Chemistry Reviewer has received the following documents:

- A letter, dated 09/20/10. MRID # 482363-00.
- A label dated 9/23/10.
- Study titled "Antimicrobial Copper Alloys Group I," dated 09/20/10. Volume 2 of 2, MRID # 482361-01.
- Confidential Statements of Formula (CSFs), dated 09/20/10 & 01/05/11, for the basic formulation.

FINDINGS:

1. The CSF, dated 09/20/10, for the basic formulation is obsolete.
2. The CSF, dated 01/05/11, for the basic formulation is revised.
3. The CSF and the label have the same nominal.
4. The registrant updated the OPPTS 8360.1750 Certified Limits Guideline.
5. The registrant updated the study, dated 01/05/11, titled "Antimicrobial Copper Alloys Group I Product Properties – Group A" Volume 2 of 2. MRID #482363-01 for consistency with the CSF.

CONCLUSIONS:

The CSF, dated 01/05/11, for the basic formulation is acceptable. The MRID # 482363-01 is partially acceptable. The updated study titled "Antimicrobial Copper Alloys Group I Product Properties – Group A" Volume 2 of 2 is acceptable (This document replaces MRID #482363-01).